Complete if Known Substitute for form 1449A/PTO New **Application Number** INFORMATION DISCLOSURE Herewith Filing Date Qinghong Yang STATEMENT BY APPLICANT First Named Inventor Art Unit TBD TBD **Examiner Name** (Use as many sheets as necessary) 2502365-991010 of 2 **Attorney Docket Number** Sheet 1

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Commissioner P. O. Box 1450 Alexandria, VA		
Dear Sir:		
record the refer	ences	e with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection of the above-identified patent application.
This In	format	ion Disclosure Statement:
(a)	\boxtimes	accompanies a new patent application submitted herewith.
(b)		is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR
(c)		is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR
(d)		is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(I)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement.
As requappropriate spa		nder § 1.97(e), Applicants, through the undersigned, hereby state either that [check the
		Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
(f)		No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
of record in this	applic	Ily requested that each of the references shown on the attached FORM PTO-A820 be made cation. The cited references were previously disclosed in parent Application No. 09/804,661, and are not enclosed.

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Each item of information listed in the attached FORM PTO-A820, may be material to the examination of the aboveidentified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR 1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this submission as a conditional petition for acceptance of the information disclosure statement.

The Commissioner is auth	norized to cha	arge any deficiencies and credit any overpayment of fees
to our Deposit Account No.	07-1896	
•		

Date:

Respectfully submitted

GRAY CARY WARE & FREIDENRICH LLP

By:

Nan Wu

Reg. No. 43,360 Attorneys for Applicant(s)

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Attorney Docket Number

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
•		US-6,013,439	01-11-00	Lishanski, et al.	
		US-5,698,400	12-16-97	Cotton, et al	
		US-5,824,471	10-20-98	Mashal et al.	
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FOREIGN PATENT DOCUMENTS

FOREIGN FATENT DOCUMENTS							
Cite	Foreign Patent Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	⊤6		
No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document		<u> </u>		
	WO 97/23646	07/03/97	Behringwerke Aktiengesellschaft				
	WO 00/20643	10/04/99	Mosaic Technologies	-			
	PCT/US01/29922 (ISR)	10/29/01	FreshGene, Inc.				
	PCT/US01/51104 (ISR)	04/15/02	FreshGene, Inc.				
	PCT/US01/07858 (ISR)	04/26/01	FreshGene, Inc.		—		
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		Cite No.1 Foreign Patent Number Country Code3 - Number4-Kind Code5 (if known) WO 97/23646 WO 00/20643 PCT/US01/29922 (ISR) PCT/US01/51104 (ISR)	Cite No.1 Foreign Patent Number Publication Date MM-DD-YYYY WO 97/23646 07/03/97 WO 00/20643 10/04/99 PCT/US01/29922 (ISR) 10/29/01 PCT/US01/51104 (ISR) 04/15/02	Cite No.1 Foreign Patent Number Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document WO 97/23646 07/03/97 Behringwerke Aktiengesellschaft WO 00/20643 10/04/99 Mosaic Technologies PCT/US01/29922 (ISR) 10/29/01 FreshGene, Inc. PCT/US01/51104 (ISR) 04/15/02 FreshGene, Inc.	Cite No.1 Foreign Patent Number Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear WO 97/23646 07/03/97 Behringwerke Aktiengesellschaft WO 00/20643 10/04/99 Mosaic Technologies PCT/US01/29922 (ISR) 10/29/01 FreshGene, Inc. PCT/US01/51104 (ISR) 04/15/02 FreshGene, Inc.		

Examiner Signature	Date Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, US. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO				Complete if Known		
				Application Number	New	
11	NFORMATION DIS	CLC	SURE	Filing Date	Herewith	
S	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Qinghong Yang	
				Art Unit	TBD	
				Examiner Name	TBD	
Sheet	1	of	2	Attorney Docket Number	2502365-991010	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s). volume-issue number(s), publisher, city and/or country where published.	T²
-		D. ZERBIB, et al., "Coordinated Actions of RuvABC in Holliday Junction Processing," J. Mol. Biol., 281, pp. 621-630 (1998)	
		D. ADAMS, "Unwinding of Closed Circular DNA by the Escherichia Coli RuvA and RuvB Recombination/Repair Proteins," J. Mol. Biol., pp. 404-417 (1995)	
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		DAVIES, et al., "Formation of RuvABC-Holliday Junction Complexes in Vitro," Current Biology, Vol. 8, No. 12, pp. 725-727 (1998)	
	-	PANYUTIN, et al., "Formation of a Single Base Mismatch Impedes Spontaneous DNA Branch Migration," J. Mol. Biol., Vol. 230, No. 2, pp. 413-24 (1993)	
		SAIKI, et al., "Enzymatic Amplication of β-Golbin Genomic Sequences and Restriction Site Analysis For Diagnosis of Sickle Cell Anemia, " Science, Vol. 230, No. 4732, pp. 1350-4 (1985)	
		WHITBY, et al., "Interactions Between RuvA and RuvC at Holliday Junctions: Inhibition of Junction Clevage and Formation of a RuvA-RuvC-DNA Complex," J. Mol. Biol., Vol. 264, No. 5, pp. 878-90 (1996)	

Examiner	
Signature	ered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

CERTIFICATE OF Applicant(s): Qinghong	Docket No. 2502365-991010		
Serial No. New	Examiner TBD	Group Art Unit TBD	
Invention: Methods for	Detection of Difference in Nucleic	Acids	
I hereby certify that the	e following correspondence:		
Information Disclosure	Statement by Applicant		
APVILIPS AND	•	of correspondence)	
	the United States Postal Service pe addressed to: Commissioner September 26, 2003 (Date)		
		Ta-Tanisha L. M. (Typed or Printed Name of Person Ma.	iling Correspondence)
		(Signature of Person Mailing C EV331871487 ("Express Mail" Mailing La	us
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